

Title (en)
POWER SYSTEM OF ELECTRIC VEHICLE, ELECTRIC VEHICLE COMPRISING THE SAME

Title (de)
STROMVERSORGUNGSSYSTEM FÜR EIN ELEKTROFAHRZEUG, ELEKTROFAHRZEUG DAMIT

Title (fr)
SYSTÈME D'ÉNERGIE DE VÉHICULE ÉLECTRIQUE, VÉHICULE ÉLECTRIQUE LE COMPRENANT

Publication
EP 2853002 B1 20180321 (EN)

Application
EP 13793972 A 20130522

Priority
• CN 201210160417 A 20120522
• CN 2013076089 W 20130522

Abstract (en)
[origin: WO2013174268A1] A power system of an electric vehicle, an electric vehicle comprising the same and a method for heating a battery group of the electric vehicle are provided. The power system comprises a battery group (101), a battery heater (102), in which the battery heater (102) comprises a output power adjusting module configure to adjust a heating power of the battery heater (102) by adjusting a charge current and/or a discharge current, a battery management device (103) configured to control the output power adjusting module to adjust the heating power of the battery heater (102) to heat the battery group (101) according to a temperature of the battery group (101) when the temperature of the battery group (101) is lower than a first heating threshold and a residual electric quantity of the battery group is larger than a parking electric quantity threshold; a motor controller (106) connected with a motor (105) and an electric distribution box (104) respectively, and an isolation inductor (L2).

IPC 8 full level
H01M 10/48 (2006.01); **B60L 11/18** (2006.01)

CPC (source: EP RU US)
B60L 15/20 (2013.01 - US); **B60L 58/27** (2019.01 - EP US); **H01M 10/613** (2015.04 - EP US); **H01M 10/625** (2015.04 - EP US); **H01M 10/633** (2015.04 - EP US); **H01M 10/637** (2015.04 - EP US); **B60L 50/50** (2019.01 - RU); **H01M 10/60** (2015.04 - RU); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/72** (2013.01 - EP US)

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EP2804779A4

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DOCDB simple family (publication)
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DOCDB simple family (application)
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